

Y D D T D T w S d E. d C G D

1 TTT TGA NAT GAA TTC CTT TGG GAA TTT CGT GAC ACT ATA GAA GGT ACG CCT GCA GGT ACC 60

61 GGT CCG GAA TTC CCG GGT CGA CCC ACG CGT CCG GCC GGA CTA ACC AGC TCC TCC AGG CGC CGC 120

121 TGG GGG CGG GTG TGG CAG GAG GAA GCC CGA TCA GCC CCA GCC TGT GGA TGT GGG AGA AGG 180

181 GCG AGC TCA GGG GGC CAT CAT GGG GTT CCC CCA GAG GCA ACC TGG CCT ATC AGG GCT GCT 240
M G F P Q R Q P G L S G L L 14

241 CCT CCT CGT GTG GGC ACT GGC CTG GCC CCT GCC TTG TAT GAG CTT GGA GCT GAT CCC CTA 300
15 L L V W A L A W P L P C M S L E L I P Y 34

301 CAC ACC ACA GAT AAC AGC TTG GGA CCT AGA AGG GAA GGT CAC AGC CAC CAC GTT CTC CCT 360
35 T P Q I T A W D L E G K V T A T T F S L 54

361 GCA GCA GCC TCG CTG TGT CCT GGA CGG CCT TGC CGG CGT TGC CAG CAC CAT CTG GCT GGT 420
55 E Q P R C V L D G L A G V A S T I W L V 74

421 GGT GGC CTT CAG CAA CGC CTC CAG AGA CTT CCA GAA CCC ACA GAC GCG AGC TGA GAT CCC 480
75 V A F S N A S R D F Q N P Q T R A E I P 94

FIG. 1A

TRANSLATION

481 AGC CTT CCC ACG GCT GCT GAC GGA GGG GCA CTA TAT GAC ACT GCC CCT GTC CCT GGA CCA CCA 540
95 A F P R L L T E G H Y M T L P L S L D Q 114

541 GCT GCC CTG TCA GGA CCC CGC AGG CGG CGG CAG GGA CGT CCC CTT GCT GCG GGT GGG CAA 600
115 L P C Q D P A G G R D V P L L R V G N 134

601 TGA CCC CGG CTG CCT TGC TGA CCT CCA GCC GCC CTA CTG CAA CAG CCC CCT CCC CAG 660
135 D P G C L A D L L Q P P Y C N S P L P S 154

661 CCC CGG ACC TTA CAG GGT GAA GTT CCT CCT GAT GGA CGC CAG GGG CTC ACC CCA GGC CGA 720
155 P G P Y R V K F L L M D A R G S P Q A E 174

721 GAC CAG GTG GTC CGA CCC CAT CGC TCT TCA CCA AGG GAA GTC GCC AGC CTC CAT CGA CAC 780
175 T R W S D P I A L H Q G K S P A S I D T 194

781 GTG GCC AGG GCG ACG CAG TGG TGG TAT GAT CGT CAT CAC CTC TAT CCT CTC CTC CCT GGC 840
195 W P G R R S G G M I V I T S I L S S L A 214

841 CAG CCY CCT GCT GGC CCT CCT GGC AGC GTC CAC CSC ACG CCT CTC CAG CCT GTG GTG GTG 900
215 S X L L L A F L A S T X R F S S L W W 234

FIG. 1B

901 GCC GGA GGA RGC CCC GGA GCA GCT GAG AAT TGG CTC CTT CAT GGG GAA GCG CTA CAT GAC 960
235 P E E A P E Q L R I G S F M G K R Y M T 254

961 CCA CCA CAT CCC ACC CAG CGA AGC CGC CAC CCT GCC CGT GCR CTG TGA GCC TGG CCT GGA 1020
255 H H I P P S E A A T L P V X C E P G L D 274

1021 CCC CCT CCC CAG CCT CAG CCC CTA GCC TGG CCC TTT TGG CTC GGG CGT GTG TGG CTG TGG 1080
275 P L P S L S P * 281

1081 CCA GTG TGG GGG CAA GGA CGT GGT AGT TAT TCC CAG CCC CTG CAC CCT CCT CCT CAC CCC CCC 1140

1141 TGC CCA CAG TCC CAC TGA TGT AGG ACA GAT GTC AGG GTT CTA GAC GTC TTT GGT GCA AAA 1200

1201 AGG GGG TTT TAT TCA AGC ACA GGG ACA GGA CCC ATG GGC AGG GAG AGC GGC ACC GGG GTG 1260

1261 GTG AGG AGT GGC CCG TTA TAT ATA CTT TCG AGT TGG GAG GGC TTA GAG AGA GCG TAA GTC 1320

1321 TCT AAG GAA TTT TGG AAG CAA GGT CTC CAG GGT CCT GAG GGG GCT AGC TGT TGT TAG GAA 1380

1381 AAG GTC ATT TAT TAC TGT TTA GTA AAA ACT TTC ACG AGA AAA AAA AAA AAA AAA AAA AAA 1440

1441 AAA AAA AAA AAG GGC GGC C 1462

FIG. 1C